



500.43580X00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Tatehito USUI et al.

Serial No.: 10/790,185

Filed: March 2, 2004

For: **SEMICONDUCTOR PRODUCTION APPARATUS**

Group: unknown

Examiner: Not yet assigned

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

April 23, 2004

Sir:

Pursuant to Applicant's duty to disclosure, Applicants are submitting herewith copies of the documents listed in the attached form PTO/SB/O8A equivalent to Form PTO-1449 for the Examiner's consideration. The attached references were cited in related applications U.S. Serial Nos. 09/797,601; 09/946,504; 10/090,759; 10/230,309; 10/377,823; and 10/659,394.

This Information Disclosure Statement is being submitted within three months of the filing date.

Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

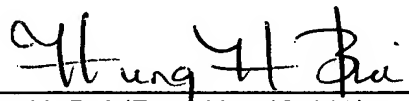
To the extent the documents listed on the attached form equivalent to Form PTO/SB/O8A are not in the English language, the requirement of 37 CFR

§1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents.

It is respectfully requested that this Information Disclosure Statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (500.43580X00) please credit any excess fees to such deposit account.

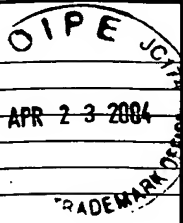
Respectfully submitted,  
ANTONELLI, TERRY, STOUT & KRAUS, LLP

By   
Hung H. Bui (Reg. No. 40,415)  
Attorney for Applicant(s)

HHB:btd

1300 North Seventeenth Street, Suite 1800  
Arlington, Virginia 22209  
Tel.: (703) 312-6600  
Fax: (703) 312-6666

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			Application Number	10/790,185	
			Filing Date	March 2, 2004	
			First Named Inventor	Tatehito USUI et al.	
			Art Unit	unknown	
Sheet	1	of	1	Examiner Name	Not yet assigned
				Attorney Docket Number	500.43580X00

U.S. PATENT DOCUMENTS						
Examiner Initials'	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
		US- 4,767,495		08-30-1988	NISHIOKA	
		US- 5,552,016		09-03-1996	GHANAYEM	
		US- 5,648,849		07-15-1997	CANTELOUP et al.	
		US- 5,835,226		11-10-1998	BERMAN et al.	
		US- 5,928,532		07-27-1999	KOSHIMIZU et al.	
		US- 6,081,334		06-27-2000	GRIMBERGEN et al.	
		US- 6,207,008 B1		03-27-2001	KIJIMA	
		US- 6,261,470 B1		07-17-2001	SMITH, JR. et al.	
		US- 2001/0016053 A1		08-23-2001	DICKSON et al.	
		US- 6,297,064 B1		10-02-2001	KOSHIMIZU	
		US- 6,306,669 B1		10-23-2001	YANO et al.	
		US- 2002/0029854 A1		03-14-2002	SCHERTLER	
		US- 6,383,402 B1		05-07-2002	SMITH, JR. et al.	
		US- 6,414,499 B2		07-02-2002	YANO et al.	
		US- 2003/0085198 A1		05-08-2003	YI et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP - 1 089 146 A2 ✓	04-04-2001	APPLIED MATERIALS, INC		
		JP - 61-53728 ✓	03-17-1986	HITACHI LTD		ABS
		JP - 63-200533 ✓	08-18-1988	ANELVA CORP		ABS
		JP - 64-68932 ✓	03-15-1989	RICOH CO LTD		ABS
		JP - 6-84849 ✓	03-25-1994	SONY CORP		ABS
		JP - 2000-228397 ✓	08-15-2000	HITACHI LTD		ABS
		JP - 2000-324297 ✓	11-24-2000	FUJI ELECTRIC CO LTD		ABS

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		David L. LIDE, <i>CRC Handbook of Chemistry and Physics</i> , CRC Press, R.W.B. Pearse and A.G. Gaydon, "The Identification of Molecular Spectra", John Wiley & Sons, Inc., 1976	
		SASAKI et al., "Estimation of Component Spectral Curves From Unknown Mixture Spectra", <i>App. Opt.</i> , Vol. 23, pp. 1955-1959 (1984)	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.